

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): LEUDKE et al.  
Serial No.: 10/580,478  
For: MIXING OF FLUIDS  
International Filing Date: 29 January 2004  
U.S. Filing Date: 24 May 2006  
Examiner: Not Yet Assigned  
Art Unit: Not Yet Assigned  
Confirmation No.: 4344  
Customer No.: 27623

Attorney Docket No.: 20030945-2

Mail Stop PCT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attention: DO/EO/US

Sir:

TRANSMITTAL OF MISSING PARTS OF APPLICATION AND PAYMENT OF SURCHARGE UNDER 37 C.F.R. §1.16(e)

Transmitted herewith are the following documents pertaining to the above-identified application:

- Declaration and Power of Attorney form executed by Gerd LUEDKE and Andreas RUEFER;
- The undersigned attorney has verified that the applicant is entitled to a Small Entity Status;
- 2 Sheets of Formal Drawings;
- An Assignment of the Invention to: Agilent Technologies, Inc. including \$40.00 recordation fee and Assignment Recordation Cover Sheet;
- A Certified Copy of the Priority Application;
- Verified Translation of the published International Application;
- Information Disclosure Statement (Form - 1449);

- A copy of the Notification of Missing Requirements Under 37 U.S.C. 371;
- Preliminary Amendment; and
- Petition and Fee for Extension of Time (37 CFR 1.136(A)).

The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee <b>\$300.00</b>
Total Claims	- 20 =	0	x \$50.00	\$
Independent Claims	- 3 =	0	x \$200.00	\$
Multiple Dependent Claim Fee		x \$360.00 = \$0.00		
<b>SEARCH FEE</b>		\$500.00		
<b>EXAMINATION FEE</b>		\$200.00		
<b>NATIONAL STAGE APPLICATION SIZE FEE (\$250 FOR EACH ADDITIONAL 50 SHEETS OVER 100 SHEETS)</b>		\$		
<b>TOTAL FILING FEE</b>		\$		
<b>1/2 FILING FEE FOR SMALL ENTITY</b>		\$		

- A check in the amount of **\$170.00** to cover the surcharge (\$130) and assignment recordation fee (\$40) is enclosed.
- The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

January 4, 2007

Date

01/08/2007 ATRAN1 00000022 10580478

01 FC:1617 130.00 OP

Paul D. Greeley, Esq.  
Attorney for Applicant(s)  
Registration No. 31,019  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10<sup>th</sup> Floor  
Stamford, CT 06901-2682  
Telephone: (203) 327-4500  
Telefax: (203) 327 6401

#### CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Certificate No. **EV951807572US**, service under 37 CFR §1.10 and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attention: DO/EO/US on January 4, 2007.

Marilyn Alexander

(Typed name of person mailing paper)

(Signature of person mailing paper)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/580,478	Gerd Luedke	200309452

INTERNATIONAL APPLICATION NO.

PCT/EP04/50051

I.A. FILING DATE	PRIORITY DATE
	01/29/2004

27623  
 OHLANDT, GREELEY, RUGGIERO & PERLE, LLP  
 ONE LANDMARK SQUARE, 10TH FLOOR  
 STAMFORD, CT 06901

**CONFIRMATION NO. 4344**  
**371 FORMALITIES LETTER**



\*OC000000021663366\*

Date Mailed: 12/19/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/24/2006
- Copy of the International Search Report filed on 05/24/2006
- Information Disclosure Statements filed on 05/24/2006
- U.S. Basic National Fees filed on 05/24/2006
- Specification filed on 05/24/2006
- Claims filed on 05/24/2006
- Drawings filed on 05/24/2006

D  
M  
V  
H  
C  
R  
DEC 22 2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

KAYA L LEWIS BALTIMORE

---

Telephone: (703) 308-9140 EXT 202

**PART 1 - ATTORNEY/APPLICANT COPY**

---

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/580,478	PCT/EP04/50051	200309452

FORM PCT/DO/EO/905 (371 Formalities Notice)